

Amendments to the Claims:

This listing of claims replaces all prior versions and listings of claims in the application:

Listing of Claims:

1-3. (Canceled)

4. (Previously presented) The sheet-like board member as defined in claim 10, further comprising:

a wiring disposed on said second planar surface, wherein the mask is formed on a region corresponding to the wiring integrally connected to one or more of the first pads.

5. (Previously presented) The sheet-like board member as defined in claim 10, wherein the first pads are bonding pads or pads on which solder balls are to be fixed.

6. (Previously presented) The sheet-like board member as defined in claim 10, wherein the conductive coating film is disposed in the semiconductor element mount region to form a die pad.

7. (Currently amended) The sheet-like board member as defined in claim 10, wherein the conductive coating film is disposed on the second planar surface to form a ~~passive element~~ die pad and/or outer lead electrode.

8. (Currently amended) The sheet-like board member as defined in claim 7, wherein a passive element to be placed on the ~~passive element~~ die pad comprises a chip resistor or a chip capacitor.

9. (Canceled)

10. (Currently amended) A sheet-like board member comprising:  
a first planar surface;  
a second planar surface disposed opposite to the first surface, said second planar surface having a semiconductor element mount region defined thereon; ~~and~~  
a mask disposed on the second planar surface and having a pattern corresponding to a plurality of first pads formed in or in the vicinity of the semiconductor element mount region, said mask comprising a conductive film, and  
guide holes into which guide pins are inserted.  
~~wherein the sheet-like board member is made of metal.~~

11. (Previously presented) The sheet-like board member as defined in claim 10, wherein the sheet-like board member is formed from a conductive foil, and the conductive film is formed of a material different from that of the conductive foil.

12. (Currently amended) A sheet-like board member comprising:  
a first planar surface;  
a second planar surface disposed opposite to the first planer surface;  
a protuberance formed on said second planar surface; and  
guide holes into which guide pins are inserted,  
wherein the protuberance comprises a plurality of first pads in or in the vicinity of a semiconductor element mount region defined on the second planar surface, ~~and~~  
~~wherein the sheet-like board member is made of metal.~~

13. (Previously presented) The sheet-like board member as defined in claim 12, wherein the protuberance comprises wirings integrally formed with the first pads.

14. (Previously presented) The sheet-like board member as defined in claim 13, wherein the protuberance comprises second pads integrally formed with the wirings.

15. (Previously presented) The sheet-like board member as defined in claim 12, wherein the first pads comprise bonding pads, or pads on which solder balls or bumps are mounted.

16. (Previously presented) The sheet-like board member as defined in claim 12, wherein the protuberance comprises die pads provided in the semi-conductor element mount region.

17. (Currently amended) The sheet-like board member as defined in claim 12, wherein the protuberance comprises ~~passive element~~ die pads and/or outer lead electrodes.

18 (Currently amended) The sheet-like board member as defined in claim 17, wherein a passive element to be disposed on the ~~passive element~~ die pad comprises a chip resistor or chip capacitor.

19. (Canceled)

20. (Previously presented) The sheet-like board member as defined in claim 12 comprising protuberances arranged in a plurality of patterns as a unit, wherein the unit is arranged in a matrix pattern on the sheet-like board member.

21. (Previously presented) The sheet-like board member as defined in claim 12, wherein the sheet-like board member comprises mainly Cu, Al, an Fe-Ni alloy, a Cu-Al multi-layered member, or an Al-Cu-Al multi-layered member.

22. (Previously presented) The sheet-like board member as defined in claim 12 comprising a conductive coating film formed of material different from that of the protuberance and formed on an upper surface of the protuberance.

23. (Previously presented) The sheet-like board member as defined in claim 12, wherein a side surface of the protuberance has an anchoring structure.

24. (Previously presented) The sheet-like board member as defined in claim 12, further comprising:  
a conductive film comprising an anvil-shaped structure in the vicinity of a top surface of the protuberance.

25. (Previously presented) The sheet-like board member as defined in claim 12 comprising a conductive film on the protuberance, wherein the conductive film comprises Ni, Au, Ag or Pd.

26. (Currently amended) A sheet-like board member comprising:  
a planar surface;  
a sheet-like front side of predetermined thickness which is provided on the planar surface;  
a plurality of first pads formed in or in the vicinity of a semiconductor element mount region defined on the planar surface;  
protuberances formed on said planar surface and include wirings integrally formed with the first pads, said plurality of first pads and said protuberances formed within an abutting region defined on said planar surface, said abutting region provided to contact with an upper metal mold; and  
guide holes into which guide pins are inserted.

27-31. (Canceled)

32. (Previously presented) The sheet-like board member of claim 26, wherein said planar surface having the protuberances, some of which semiconductor elements are disposed thereon, are all encapsulated in plastic.

33. (Currently amended) A sheet-like board member comprising:  
a first planar surface;  
a second planar surface disposed opposite to the first surface, said second planar surface having a semiconductor element mount region defined thereon; ~~and~~  
a mask for etching disposed on the second planar surface and having a pattern corresponding to a plurality of first pads formed in or in the vicinity of the semiconductor element mount region, and  
guide holes into which guide pins are inserted.  
~~wherein the sheet-like board member is made of metal.~~

34. (Previously presented) The sheet-like board member as defined in claim 33, wherein the mask comprises a photoresist.

35. (Previously presented) The sheet-like board member as defined in claim 33, wherein the mask comprises a conductive film.

36. (Previously presented) The sheet-like board member as defined in claim 33, further comprising:  
a wiring disposed on said second planar surface, wherein the mask is formed on a region corresponding to the wiring integrally connected to one or more of the first pads.

37. (Previously presented) The sheet-like board member as defined in claim 33, wherein the first pads are bonding pads or pads on which solder balls are to be fixed.

38. (Previously presented) The sheet-like board member as defined in claim 33, wherein the conductive coating film is disposed in the semiconductor element mount region to form a die pad.

39. (Currently amended) The sheet-like board member as defined in claim 33, wherein the conductive coating film is disposed on the second planar surface to form a ~~passive element~~ die pad and/or outer lead electrode.

40. (Currently amended) The sheet-like board member as defined in claim 39, wherein a passive element to be placed on the ~~passive element~~ die pad comprises a chip resistor or a chip capacitor.

41. (Canceled)

42. (Previously presented) The sheet-like board member as defined in claim 33, wherein the sheet-like board member comprises a pressed metal.

43. (Previously presented) The sheet-like board member as defined in claim 33, wherein the sheet-like board member is formed from a conductive foil, and the conductive film is formed of a material different from that of the conductive foil.

44. (Previously presented) The sheet-like board member as defined in claim 10 or 33 wherein the sheet-like board is partially etched in an area not covered by the mask.

45. (Previously presented) The sheet-like board member as defined in claim 10 wherein a positioning mark is provided on the sheet-like board member.

46. (Previously presented) The sheet-like board member as defined in claim 45 wherein the positioning mark is formed by partially etching the sheet-like board member.

47. (Canceled)

48. (Previously presented) The sheet-like board member as defined in claim 10 or 33 wherein the sheet-like board is partially etched in an area not covered by the conductive film.

49. (Previously presented) The sheet-like board member as defined in claim 12 wherein a positioning mark is provided on the sheet-like board member.

50. (Previously presented) The sheet-like board member as defined in claim 49 wherein the positioning mark is formed by partially etching the sheet-like board member.

51. (Canceled)

52. (Previously presented) The sheet-like board member as defined in claim 12 comprising a conductive film formed on the protuberance.

53. (Previously presented) The sheet-like board member as defined in claim 12 wherein an Ag plating is formed on the protuberance.

54. (Previously presented) The sheet-like board member as defined in claim 26 wherein a positioning mark is provided on the sheet-like board member.

55. (Previously presented) The sheet-like board member as defined in claim 54 wherein the positioning mark is formed by partially etching the sheet-like board member.

56. (Canceled)

57. (Previously presented) The sheet-like board member as defined in claim 33 wherein the sheet-like board is partially etched in area not covered by the mask.

58. (Previously presented) The sheet-like board member as defined in claim 33 wherein a positioning mark is provided on the sheet-like board member.

59. (Previously presented) The sheet-like board member as defined in claim 58 wherein the positioning mark is formed by partially etching the sheet-like board member.

60. (Canceled)

61. (Previously presented) A method of manufacturing a semiconductor device comprising:

preparing a sheet-like board member as defined in any one of claims 10, 12, 26, 33 and 44-60 ;

partially etching the second planar surface of the sheet-like member so as to form the first pads;

disposing a circuit element onto a portion on the sheet-like board member;

molding a surface of the sheet-like board member by an insulating resin so that the sheet-like board member is covered.

62. (Previously presented) The method of manufacturing a semiconductor device according to claim 61 wherein the sheet-like board member is fixed by means of vacuum suction.



63. (Previously presented) A method of manufacturing a semiconductor device comprising:

preparing a sheet-like board member as defined in any one of claims 12 and 26;  
disposing a circuit element onto a portion of the protuberances of the sheet-like board member;

molding a surface of the sheet-like board member by an insulating plastic so that the sheet-like board member is covered.

64. (Previously presented) The method of manufacturing a semiconductor device according to claim 63 wherein the sheet-like board member is fixed by means of vacuum suction.

65. (Previously presented) The sheet-like board member of claim 10 including a wiring continuously extended from a land.

66. (Previously presented) The sheet-like board member of claim 12 including a wiring continuously extended from a land.

67. (Previously presented) The sheet-like board member of claim 26 including a wiring continuously extended from a land.

68. (Previously presented) The sheet-like board member of claim 33 including a wiring continuously extended from a land.

69. (New) The sheet-like board member of claim 10 wherein the sheet-like board member is made of a metal.

70. (New) The sheet-like board member of claim 10 wherein a wiring extends continuously from the first pad.

71. (New) The sheet-like board member of claim 12 wherein the sheet-like board member is made of a metal.

72. (New) The sheet-like board member of claim 12 wherein a wiring extends continuously from the first pad.

73. (New) The sheet-like board member of claim 26 the wiring extend continuously from the first pad.

74. (New) The sheet-like board member of claim 33 wherein the sheet-like board member is made of a metal.

75. (New) The sheet-like board member of claim 33 wherein a wiring extends continuously from the first pad.